

Air Force Rescue Coordination Center

Panel #6 – The Future of GA SAR





Ten Year Operational Synopsis



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
MISSIONS	2989	2937	2734	2441	2438	2296	2344	1100	1004	866
INCIDENTS	7728	7465	6697	6500	7249	7322	7595	4179	5823	5120
SAVES	173	154	107	275	237	468	190	214	561	245
UNLOCATED AIRCRAFT	1	2	0	1	0	2	0	1	0	1

MISSION: A SAR operation that requires a federal asset(s) to be activated to search, rescue, and/or assist a distressed, or perceived distressed aircraft (or other craft) with persons on board.

INCIDENT: A SAR investigative operation conducted without deploying a SAR unit.

SAVE: An objective was in a distress situation, could not affect a self-recovery and was located alive.



Beacon Incident Results



Result	2011 Numbers
Non-Distress	2706
Distress	106
Ceased	1543
False	641
Hand-off	317

NON-DISTRESS: The incident resulted in a situation where a mishap did not occur, e.g. accidental activation.

DISTRESS: For a distress beacon case, the beacon activation was caused by a known/unknown aircraft accident/incident.

CEASED: The beacon was no longer picked up by the source(s) that originally detected the signal (SARSAT, aircraft, ground station).

FALSE: Erroneous reporting of emergency situation.

HAND-OFF: The incident/mission was passed to another Search and Rescue Region/Agency.



Future Challenges



- Development and implementation of a process providing aircraft owners information regarding the importance and requirement of ELT registration
- NTSB providing SAR community specific ELT survival data:
 - ELT model
 - Did the ELT survive
 - Was it activated
 - Was the antenna connection intact
 - Did it play a role in life saving operations
- Continued improvement of AFRCC and FAA radar forensic process



Questions



Commander – Lt Col Robert Russell
(850-283-5084)

Director of Operations – Lt Col Jameson Dugdale
(850-283-5029)

AFRCC Console (24/7 ops for civil SAR)

850-283-5955 or 800-851-3051

<http://www.1af.acc.af.mil/units/afrcc/>

